PATENT ABSTRACTS OF JAPAN

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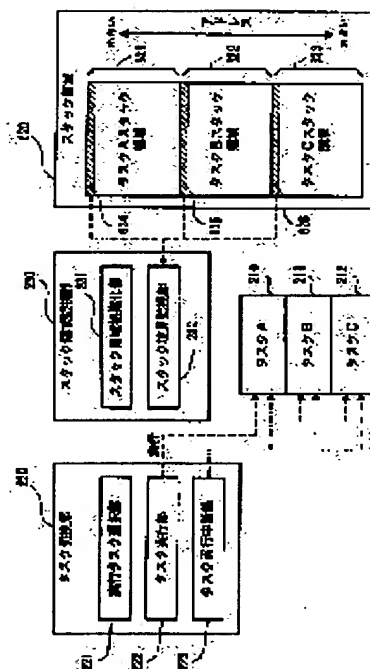(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

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(54) TASK MANAGER AND PROGRAM RECORDING MEDIUM

(57)Abstract:
PROBLEM TO BE SOLVED: To provide a task manager and a program recording medium for preventing the malfunction of program or runaway of microprocessor by detecting a specified task is to use stack areas more than previously allocated ones.
SOLUTION: Before the activation of a task, a stack area initializing part 231 initializes the stack areas to be used for respective tasks and when the execution of the task is interrupted, data at the final part of the stack area used for this task are read out by a stack boundary monitoring part 2 and compared with the initialized data in the stack area so that the occurrence of overflow of tasks can be detected.

LEGAL STATUS

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